WHAT IS CLAIMED IS:

1. .A system for downloading a program for download, said system comprising:

a host computer that includes a transmission unit which transmits the program for download; and

an apparatus that downloads the program for download transmitted from said host computer, said apparatus including,

a first recording section that is writable and rewritable with the program for download;

a second recording section, provided in a predetermined area of said first recording section, which already stores at least a program for executing reception of the program for download and a program for executing writing of the program for download onto said first recording section;

a receiving unit which receives the program for download according to the program for executing reception that has been stored in said second recording section; and

a writing unit which writes the received program for download onto said first recording section according to the program for executing writing that has been stored in said second recording section,

wherein rewriting of the programs stored in said second recording section is inhibited.

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2.   The system according to claim 1, wherein said second recording section further stores a program for executing erasing of contents of said first recording section,

said apparatus further comprises an erasing unit which
5   erases the program for download stored in said first recording section according to the program for executing erasing that has been stored in said second recording section, and

wherein said writing unit writes the received program
10   for download onto said first recording section from which the existing program has been erased by said erasing unit, according to the program for executing erasing.

3.   The system according to claim 1, further comprising
15   a download result storage unit, which stores a status of the writing of the program for download carried out by said writing unit.

4.   The system according to claim 3, wherein said download
20   result storage unit stores, as the status of the writing, information regarding whether or not the program for download has been written onto said first recording section to the end.

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5.   The system according to claim 4, wherein said receiving unit receives the program for download again from said host computer according to the program for executing the reception if information that said writing unit has not written the program for download to the end onto said first recording section has been stored in said download result storage unit.

6.   The system according to claim 1, further comprising a download result storage unit, which stores information regarding a status of the receiving of the program for download by said receiving unit.

7.   The system according to claim 6, wherein said download result storage unit stores information regarding up to which part of the program for download said receiving unit has received.

8.   The system according to claim 6, wherein if information that said receiving unit has received a part of the program for download already has been stored in said download result storage unit, then said receiving unit receives the rest of the portion of the program for download according to the program for executing the reception.

9.   The system according to claim 6, wherein said download result storage unit stores information regarding up to what number of frames of the program for download said receiving unit has received.

10.   The system according to claim 1, wherein said first recording section is a flash EEPROM.

11.   The system according to claim 10, wherein said first recording section is realized by a boot area of said flash EEPROM and said second recording section is realized by an area excluding said boot area of said flash EEPROM.

12.   An apparatus for downloading a program for download from a host computer, said apparatus being connected to said host computer via a network, said apparatus comprising:

        a first recording section that is writable and rewritable with the program for download;

        a second recording section, provided in a predetermined area of said first recording section, which already stores at least a program for executing reception of the program for download and a program for executing writing of the program for download onto said first recording section;

        a receiving unit which receives the program for

download according to the program for executing reception that has been stored in said second recording section; and

a writing unit which writes the received program for download onto said first recording section according to the program for executing writing that has been stored in said second recording section,

wherein rewriting of the programs stored in said second recording section is inhibited.

13. The apparatus according to claim 12, wherein said second recording section further stores a program for executing erasing of contents of said first recording section,

said apparatus further comprises an erasing unit which erases the program for download stored in said first recording section according to the program for executing erasing that has been stored in said second recording section, and

wherein said writing unit writes the received program for download onto said first recording section from which the existing program has been erased by said erasing unit, according to the program for executing erasing.

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14.   The apparatus according to claim 12, further comprising a download result storage unit, which stores a status of the writing of the program for download carried out by said writing unit.

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15.   The apparatus according to claim 14, wherein said download result storage unit stores, as the status of the writing, information regarding whether or not the program for download has been written onto said first recording

10   section to the end.

16.   The apparatus according to claim 15, wherein said receiving unit receives the program for download again from said host computer according to the program for executing

15   the reception if information that said writing unit has not written the program for download to the end onto said first recording section has been stored in said download result storage unit.

20   17.   The apparatus according to claim 12, further comprising a download result storage unit, which stores information regarding a status of the receiving of the program for download by said receiving unit.

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18.   The apparatus according to claim 17, wherein said download result storage unit stores information regarding up to which part of the program for download said receiving unit has received.

19.   The apparatus according to claim 17, wherein if information that said receiving unit has received a part of the program for download already has been stored in said download result storage unit, then said receiving unit receives the rest of the portion of the program for download according to the program for executing the reception.

20.   The apparatus according to claim 17, wherein said download result storage unit stores information regarding up to what number of frames of the program for download said receiving unit has received.

21.   The apparatus according to claim 12, wherein said first recording section is a flash EEPROM.

22.   The apparatus according to claim 21, wherein said first recording section is realized by a boot area of said flash EEPROM and said second recording section is realized by an area excluding said boot area of said flash EEPROM.

23. An image formation apparatus for downloading a program for download from a host computer, said image formation apparatus being connected to said host computer via a network, said image formation apparatus comprising:

a first recording section that is writable and rewritable with the program for download;

a second recording section, provided in a predetermined area of said first recording section, which already stores at least a program for executing reception of the program for download and a program for executing writing of the program for download onto said first recording section;

a receiving unit which receives the program for download according to the program for executing reception that has been stored in said second recording section; and

a writing unit which writes the received program for download onto said first recording section according to the program for executing writing that has been stored in said second recording section,

wherein rewriting of the programs stored in said second recording section is inhibited.

24. The image formation apparatus according to claim 23, wherein said second recording section further stores a program for executing erasing of contents of said first

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recording section,

  said apparatus further comprises an erasing unit which erases the program for download stored in said first recording section according to the program for executing

5 erasing that has been stored in said second recording section, and

  wherein said writing unit writes the received program for download onto said first recording section from which the existing program has been erased by said erasing unit,

10 according to the program for executing erasing.

  25. The image formation apparatus according to claim 23, further comprising a download result storage unit, which stores information regarding a status of the writing of the

15 program for download carried out by said writing unit.

  26. The image formation apparatus according to claim 25, wherein said download result storage unit stores, as the status of the writing, information regarding whether or not

20 the program for download has been written onto said first recording section to the end.

  27. The image formation apparatus according to claim 26, wherein said receiving unit receives the program for download

25 again from said host computer according to the program for

executing the reception if information that said writing
unit has not written the program for download to the end
onto said first recording section has been stored in said
download result storage unit.

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28.   The image formation apparatus according to claim 23,
further comprising a download result storage unit, which
stores information regarding a status of the receiving of
the program for download by said receiving unit.

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29.   The image formation apparatus according to claim 28,
wherein said download result storage unit stores information
regarding up to which part of the program for download said
receiving unit has received.

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30.   The image formation apparatus according to claim 28,
wherein if information that said receiving unit has received
a part of the program for download already has been stored
in said download result storage unit, then said receiving
20   unit receives the rest of the portion of the program for
download according to the program for executing the
reception.

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31.   The image formation apparatus according to claim 28, wherein said download result storage unit stores information regarding up to what number of frames of the program for download said receiving unit has received.

32.   The image formation apparatus according to claim 23, wherein said first recording section is a flash EEPROM.

33.   The image formation apparatus according to claim 32, wherein said first recording section is realized by a boot area of said flash EEPROM and said second recording section is realized by an area excluding said boot area of said flash EEPROM.

34.   The image formation apparatus according to claim 23 is a printer.

35.   The image formation apparatus according to claim 23 is a copier.

36.   A method of downloading a program for download from a host computer connected via a network, the method comprising:

receiving the program for download from said host computer according to a program that is for executing

reception of the program for download and stored in a second recording section provided in a predetermined area of a first recording section that is writable and rewritable with the program for download and already stores at least the program

5   for executing the reception and a program for executing writing of the program for download onto said first recording section; and

writing the received program for download onto said first recording section, according to the program for

10   executing the writing that has been stored in said second recording section;

wherein rewriting of the programs stored in said second recording section is inhibited.

15   37.   The method according to claim 36, wherein said second recording section further stores a program for executing erasing of contents of said first recording section,

the method further erasing the program for download stored in said first recording section according to the

20   program for executing erasing that has been stored in said second recording section, and

wherein in the writing step, the received program for download is written onto said first recording section from which the existing program has been erased by said erasing

25   unit, according to the program for executing erasing.

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38. The method according to claim 36, further comprising a download result storage step of storing information regarding a status of the writing of the program for download carried out in the writing step.

39. The method according to claim 36, further comprising a download result storage step of storing information regarding a status of the receiving of the program for download proceeded in the receiving step.

40. The method according to claim 39, wherein if information that in the receiving step a part of the program for download had been already received has been stored during the download result storage step, then the rest of the portion of the program for download is received in the receiving step according to the program for executing the reception that has been stored in said second recording section.

41. A computer readable recording medium, which stores a computer program for executing a method of downloading a program for download, the method being realized on an apparatus that downloads the program for download from a host computer, said apparatus being connected to said host computer via a network, the computer program making said apparatus execute:

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receiving the program for download from said host computer according to a program that is for executing reception of the program for download and stored in a second recording section provided in a predetermined area of a first

5   recording section that is writable and rewritable with the program for download and already stores at least the program for executing the reception and a program for executing writing of the program for download onto said first recording section; and

10   writing the received program for download onto said first recording section, according to the program for executing the writing that has been stored in said second recording section;

wherein rewriting of the programs stored in said second

15   recording section is inhibited.

42.   The computer readable recording medium according to claim 41, wherein said second recording section further stores a program for executing erasing of contents of said

20   first recording section,

the computer program further executing erasing the program for download stored in said first recording section according to the program for executing erasing that has been stored in said second recording section, and

25   wherein in the writing step, the received program for

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download is written onto said first recording section from which the existing program has been erased by said erasing unit, according to the program for executing erasing.

5   43.   The computer readable recording medium according to claim 41, wherein the computer program further making said apparatus realize storing information regarding a status of the writing of the program for download proceeded in the writing step.

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44.   The computer readable recording medium according to claim 41, wherein the computer program further making said apparatus realize storing information regarding a status of the receiving of the program for download proceeded in

15   the receiving step.

45.   The computer readable recording medium according to claim 44, if information that in the receiving step a part of the program for download had been already received has

20   been stored during the download result storage step, then the rest of the portion of the program for download is received in the receiving step according to the program for executing the reception that has been stored in said second recording section.

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